

LISTING OF CLAIMS

1. (Currently Amended) A golf club head comprising  
a face for hitting a golf ball,  
a crown,  
a sole,  
a sidewall extending from the periphery of the sole  
towards the crown excluding the face, and  
a neck to be fixed to a shaft,  
and formed by welding together  
a face member for forming the face,  
a crown member for forming the crown and  
a walled sole member for forming at least the sole and the  
wall,  
the walled sole member made by monoblock casting, and  
the face member and the crown member each made by plastic  
deformation processing,  
the walled sole member has a variable thickness, wherein  
the ratio (t<sub>2</sub>/t<sub>1</sub>) of the minimum thickness t<sub>1</sub> and the maximum  
thickness t<sub>2</sub> thereof is in the range of from 1.2 to 3.0,  
the walled sole member is made of a metal material by  
monoblock casting, and the face member is made of a different  
metal material than the walled sole member by plastic  
deformation' processing,

the face member is thicker than the crown member such that  
the thickness of the face member is not less than 2.0 mm, but  
the thickness of the crown member is not more than 1.2 mm.

2. (Currently Amended) A golf club head comprising  
B1  
a face for hitting a golf ball,  
a crown,  
a sole,  
a sidewall extending from the periphery of the sole towards  
the crown excluding the face, and  
a neck to be fixed to a shaft, and formed by welding  
together  
a face member for forming the face,  
a crown member for forming the crown and  
a walled sole member for forming the sole, sidewall and  
neck,  
the face member and the crown member each made by plastic  
deformation processing,  
the walled sole member has a variable thickness, wherein  
the ratio (t<sub>2</sub>/t<sub>1</sub>) of the minimum thickness t<sub>1</sub> and the maximum  
thickness t<sub>2</sub> thereof is in the range of from 1.2 to 3.0,  
the walled sole member is made of a metal material by  
monoblock casting, and the face member is made of a different

metal material than the walled sole member by plastic deformation processing,

the face member is thicker than the crown member such that the thickness of the face member is not less than 2.0 mm, but the thickness of the crown member is not more than 1.2 mm,  
the crown member is made of the same material as the face member.

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3. (Previously Presented) The golf club head according to claim 1, wherein

the neck is formed by a neck member, and  
the neck member, face member, crown member and walled sole member are welded together.

4. (Previously Presented) The golf club head according to claim 1 or 2, wherein

the volume of the head is not less than 250 cm<sup>3</sup>.

5. (Previously Presented) The golf club head according to claim 1 or 2, wherein

the volume of the head is not less than 250 cm<sup>3</sup>, and  
the face member, crown member and walled sole member each have a specific gravity of not more than 5.0.

6. (Previously Presented) The golf club head according to claim 3, wherein

the volume of the head is not less than 250 cm<sup>3</sup>, and the face member, crown member, walled sole member and neck member each have a specific gravity of not more than 5.0.

7. (Previously Presented) The golf club head according to claim 1, 2, or 3, wherein

*B)* the monoblock casting is a lost-wax process.

8. (Previously Presented) The golf club head according to claim 1, 2, or 3, wherein

the plastic deformation processing is a press forming of a rolled sheet metal.

9. (Previously Presented) The golf club head according to claim 1 or 2, wherein

the volume of the head is not less than 300 cm<sup>3</sup>.

10. (Previously Presented) The golf club head according to claim 1 or 2, wherein

a sweet spot height is not more than 28.0 mm.

11. (Previously Presented) The golf club head according to  
claim 1 or 2, wherein

a depth of the center of gravity is not less than 36.0 mm.

12. (Currently Amended) A golf club head comprising

a face for hitting a golf ball,

a crown,

a sole,

*B1*  
a sidewall extending from the periphery of the sole towards  
the crown excluding the face, and

a neck to be fixed to a shaft, wherein the golf club head  
is formed by welding together

a face member for forming the face,

a crown member for forming the crown and

a walled sole member for forming at least the sole and the  
wall,

the walled sole member made by monoblock casting, and

the face member and the crown member each made by plastic  
deformation processing,

a volume of the head being not less than 250 cm<sup>3</sup>,

a sweet spot height of the head being not more than 28.0  
mm, and

a depth of the center of gravity of the head being not less  
than 36.0 mm,

the walled sole member has a variable thickness, wherein the ratio ( $t_2/t_1$ ) of the minimum thickness  $t_1$  and the maximum thickness  $t_2$  thereof is in the range of from 1.2 to 3.0,

the walled sole member is made of a metal material by monoblock casting, and the face member is made of a different metal material than the walled sole member by plastic deformation processing,

the face member is thicker than the crown member such that the thickness of the face member is not less than 2.0 mm, but the thickness of the crown member is not more than 1.2 mm.

13. (Previously Presented) A golf club head according to claims 1, 2 or 12, wherein

a lateral moment of inertia of the head is not less than 3500  $\text{cm}^4$ , and

a vertical moment of inertia of the head is not less than 2000  $\text{cm}^4$ .